



Safety Data Sheet CaviWipes AF

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Product name : CaviWipes AF

1.2. Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses

Main use category : Professional use

Function or use category : Cleaner and disinfectant of medical device surfaces.

Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

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Contact person : safety@kerrhawe.com - tel. 00-800-41-050-505 (08.00-17.00)

1.4. Emergency telephone number

Emergency number : CHEMTREC® Emergency Call Center. Emergency Telephone Number (for USA only) 001-800-424-9300 International and Maritime Telephone Number +1 (703) 527-3887

| Country | Organisation/Company | Address | Emergency number |
|----------------|--|---|--|
| Gibraltar | GHA Call Centre Zone 2, Level3, St Bernard's Hospital | Harbour Views Road | +350 200 79700 +350 200 72266 |
| Ireland | National Poisons Information Centre Beaumont Hospital | PO Box 1297 Beaumont Road 9 Dublin | +353 1 809 2566 (Healthcare professionals- 24/7) +353 1 809 2166 (public, 8am - 10pm, 7/7) |
| Malta | Medicines & Poisons Info Office | Mater Dei Hospital MSD Msida | +356 2545 6504 |
| United Kingdom | National Poisons Information Service (Newcastle Unit) | Claremont Place Newcastle-upon-Tyne, Newcastle | +44 191 2606182/+44 191 2606180 24H |

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Eye Irrit. 2 H319

Aquatic Chronic 3 H412

Full text of hazard classes and H-statements : see section 16

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP) :



GHS07

Signal word (CLP) : Warning

| | |
|--------------------------------|--|
| Hazardous ingredients | : tetrasodium ethylene diamine tetraacetate |
| Hazard statements (CLP) | : H319 - Causes serious eye irritation H412 - Harmful to aquatic life with long lasting effects |
| Precautionary statements (CLP) | : P264 - Wash hands thoroughly after handling P273 - Avoid release to the environment P280 - Wear eye protection, protective gloves P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing P337+P313 - If eye irritation persists: Get medical advice/attention P501 - Dispose of contents/container to a hazardous or special waste collection point |
| Extra phrases | : The mixture need not be classified as corrosive in spite of the extreme pH On basis of test data: Causes eye irritation |

2.3. Other hazards

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII

This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substances

Not applicable

3.2. Mixtures

| Name | Product identifier | % | Classification according to Regulation (EC) No. 1272/2008 [CLP] |
|---|---|------------|--|
| 2-(2-butoxyethoxy)ethanol, diethylene glycol monobutyl ether | (CAS-No.) 112-34-5 (EC-No.) 203-961-6 (EC Index-No.) 603-096-00-8 (REACH-no) 01-2119475104-44 | 1 - 10 | Eye Irrit. 2, H319 |
| tetrasodium ethylene diamine tetraacetate | (CAS-No.) 64-02-8 (EC-No.) 200-573-9 (EC Index-No.) 607-428-00-2 | 1 - 5 | Acute Tox. 4 (Oral), H302 Eye Dam. 1, H318 |
| Alcohols, C12-15, ethoxylated | (CAS-No.) 68131-39-5 (EC-No.) 500-195-7 | < 1 | Acute Tox. 4 (Oral), H302 Eye Dam. 1, H318 Aquatic Acute 1, H400 |
| disodium metasilicate | (CAS-No.) 6834-92-0 (EC-No.) 229-912-9 (EC Index-No.) 014-010-00-8 (REACH-no) 01-2119449811-37 | < 0.3 | Skin Corr. 1B, H314 STOT SE 3, H335 |
| Quaternary ammonium compounds, C12-14-alkyl[(ethylphenyl)methyl]dimethyl, chlorides | (CAS-No.) 85409-23-0 (EC-No.) 287-090-7 (REACH-no) N/A | 0.1 - 0.25 | Acute Tox. 4 (Oral), H302 Acute Tox. 2 (Inhalation:dust,mist), H330 Skin Corr. 1B, H314 Eye Dam. 1, H318 STOT SE 2, H371 Aquatic Acute 1, H400 (M=10) Aquatic Chronic 1, H410 |
| Quaternary ammonium compounds, benzyl-C12-18-alkyldimethyl, chlorides | (CAS-No.) 68391-01-5 (EC-No.) 269-919-4 (REACH-no) N/A | 0.1 - 0.25 | Acute Tox. 4 (Oral), H302 Acute Tox. 2 (Inhalation:dust,mist), H330 Skin Corr. 1B, H314 Eye Dam. 1, H318 STOT SE 2, H371 Aquatic Acute 1, H400 (M=10) Aquatic Chronic 1, H410 |

Full text of H-statements: see section 16

SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures

| | |
|---------------------------------------|--|
| First-aid measures general | : Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible). |
| First-aid measures after inhalation | : Assure fresh air breathing. Allow the victim to rest. |
| First-aid measures after skin contact | : Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse. |
| First-aid measures after eye contact | : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. |
| First-aid measures after ingestion | : Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention. |

4.2. Most important symptoms and effects, both acute and delayed

| | |
|-------------------------------------|--|
| Symptoms/effects after inhalation | : Inhalation may cause irritation, cough, shortness of breath. |
| Symptoms/effects after skin contact | : Contact during a long period may cause light irritation. |
| Symptoms/effects after eye contact | : Causes eye irritation. |
| Symptoms/effects after ingestion | : Ingestion may cause nausea and vomiting. |

4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically. In all cases of doubt, or when symptoms persist, seek medical attention.

SECTION 5: FIRE-FIGHTING MEASURES**5.1. Extinguishing media**

| | |
|--------------------------------|--|
| Suitable extinguishing media | : Use extinguishing media appropriate for surrounding fire. Foam. Dry powder. Carbon dioxide. Water spray. Sand. |
| Unsuitable extinguishing media | : Do not use a heavy water stream. |

5.2. Special hazards arising from the substance or mixture

| | |
|--|---|
| Fire hazard | : Non flammable. |
| Explosion hazard | : Product is not explosive. |
| Hazardous decomposition products in case of fire | : When exposed to high temperatures may produce hazardous decomposition products such as carbon monoxide and dioxide, smoke, nitrogen oxides (NOx), NH ₃ , sulphur compounds. ammonia. |

5.3. Advice for firefighters

| | |
|--------------------------------|---|
| Firefighting instructions | : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire fighting water from entering the environment. |
| Protection during firefighting | : Do not enter fire area without proper personal protective equipment, including respiratory protection. |

SECTION 6: ACCIDENTAL RELEASE MEASURES**6.1. Personal precautions, protective equipment and emergency procedures**

| | |
|------------------|---|
| General measures | : Avoid all eye and skin contact and do not breathe vapour and mist. Use personal protective equipment as required. Concerning personal protective equipment to use, see section 8. |
|------------------|---|

For non-emergency personnel

| | |
|----------------------|-----------------------------------|
| Emergency procedures | : Evacuate unnecessary personnel. |
|----------------------|-----------------------------------|

For emergency responders

| | |
|----------------------|--|
| Protective equipment | : Equip cleanup crew with proper protection. |
| Emergency procedures | : Ventilate area. |

6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters. Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

| | |
|-------------------------|--|
| Methods for cleaning up | : Mechanically recover the product. Store away from other materials. |
|-------------------------|--|

6.4. Reference to other sections

See Heading 8. Exposure controls and personal protection. For further information refer to section 13.

SECTION 7: HANDLING AND STORAGE**7.1. Precautions for safe handling**

| | |
|-------------------------------|---|
| Precautions for safe handling | : Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapour. Avoid breathing vapours, mist. Avoid contact with skin and eyes. |
| Hygiene measures | : Wash hands thoroughly after handling. |

7.2. Conditions for safe storage, including any incompatibilities

| | |
|---------------------|---|
| Storage conditions | : Keep container closed when not in use. Store in a well-ventilated place. Keep cool. |
| Storage temperature | : 10 - 49 °C |

7.3. Specific end use(s)

No additional data.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**8.1. Control parameters**

| 2-(2-butoxyethoxy)ethanol, diethylene glycol monobutyl ether (112-34-5) | | |
|---|--------------------------------|---------------------------|
| EU | Local name | 2-(2-Butoxyethoxy)ethanol |
| EU | IOELV TWA (mg/m ³) | 67.5 mg/m ³ |

| 2-(2-butoxyethoxy)ethanol, diethylene glycol monobutyl ether (112-34-5) | | |
|---|--|----------------------------|
| EU | IOELV TWA (ppm) | 10 ppm |
| EU | IOELV STEL (mg/m ³) | 101.2 mg/m ³ |
| EU | IOELV STEL (ppm) | 15 ppm |
| Ireland | Local name | 2-(2-Butoxyethoxy)ethanol |
| Ireland | OEL (8 hours ref) (mg/m ³) | 67.5 mg/m ³ |
| Ireland | OEL (8 hours ref) (ppm) | 10 ppm |
| Ireland | OEL (15 min ref) (mg/m ³) | 101.2 mg/m ³ |
| Ireland | OEL (15 min ref) (ppm) | 15 ppm |
| Ireland | Notes (IE) | IOELV |
| Malta | Local name | 2-(2-Butoxyethoxy) ethanol |
| Malta | OEL TWA (mg/m ³) | 67.5 mg/m ³ |
| Malta | OEL TWA (ppm) | 10 ppm |
| Malta | OEL STEL (mg/m ³) | 101.2 mg/m ³ |
| Malta | OEL STEL (ppm) | 15 ppm |
| United Kingdom | Local name | 2-(2-Butoxyethoxy)ethanol |
| United Kingdom | WEL TWA (mg/m ³) | 67.5 mg/m ³ |
| United Kingdom | WEL TWA (ppm) | 10 ppm |
| United Kingdom | WEL STEL (mg/m ³) | 101.2 mg/m ³ |
| United Kingdom | WEL STEL (ppm) | 15 ppm |

8.2. Exposure controls

- Appropriate engineering controls : Ensure good ventilation of the work station. Emergency eye wash fountains should be available in the immediate vicinity of any potential exposure.
- Personal protective equipment : Avoid all unnecessary exposure. Gloves. Safety glasses.
- Hand protection : In case of repeated or prolonged contact wear gloves. Butylrubber protective gloves. Layer thickness : 0,1 mm. Breakthrough time : 8 (> 480 minutes). STANDARD EN 374.
- Eye protection : Use splash goggles when eye contact due to splashing is possible. STANDARD EN 166.
- Respiratory protection : Where exposure through inhalation may occur from use, respiratory protection equipment is recommended. In case of insufficient ventilation, wear suitable respiratory equipment. Extra personal protection: P2 filter respirator for harmful particles. Standard EN 143.



- Other information : Do not eat, drink or smoke during use. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Personal protective equipment should be chosen according to the CEN standards and in discussion with the supplier of the protective equipment.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

- Physical state : Liquid
- Appearance : Napkins.
- Colour : clear.
- Odour : slight. Chemical.
- Odour threshold : Not determined
- pH : 11 - 12.7
- Relative evaporation rate (butylacetate=1) : Same as water
- Melting point : Not determined
- Freezing point : > 0 °C
- Boiling point : > 100 °C
- Flash point : > 93.9 °C
- Auto-ignition temperature : Not determined
- Decomposition temperature : Not determined
- Flammability (solid, gas) : Non flammable
- Vapour pressure : Same as water

| | |
|----------------------------------|-------------------------------|
| Relative vapour density at 20 °C | : Same as water |
| Relative density | : 0.96 - 1.05 |
| Solubility | : In water, material soluble. |
| Log Pow | : Not determined |
| Viscosity, kinematic | : Not determined |
| Viscosity, dynamic | : Not determined |
| Explosive properties | : Not explosive. |
| Oxidising properties | : Non flammable. |
| Explosive limits | : Not determined |

9.2. Other information

No additional information available

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

Direct sunlight. Heat.

10.5. Incompatible materials

Strong acids and oxidants.

10.6. Hazardous decomposition products

When exposed to high temperatures may produce hazardous decomposition products such as carbon monoxide and dioxide, smoke, nitrogen oxides (NOx), NH3, sulphur compounds. Low molecular weight hydrocarbons. ammonia.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

| | |
|----------------|--|
| Acute toxicity | : Not classified |
| | Ingestion may cause nausea and vomiting. |
| | Inhalation of vapours may cause respiratory irritation |

| 2-(2-butoxyethoxy)ethanol, diethylene glycol monobutyl ether (112-34-5) | |
|---|----------------------|
| LD50 oral rat | 5660 mg/kg |
| LD50 dermal rabbit | 2700 mg/kg |
| tetrasodium ethylene diamine tetraacetate (64-02-8) | |
| LD50 oral rat | 1700 mg/kg |
| Quaternary ammonium compounds, C12-14-alkyl[(ethylphenyl)methyl]dimethyl, chlorides (85409-23-0) | |
| LD50 oral rat | > 500 mg/kg |
| LD50 dermal rabbit | > 2000 mg/kg |
| LC50 inhalation rat (mg/l) | 0.054 - 0.51 mg/l/4h |
| Quaternary ammonium compounds, benzyl-C12-18-alkyldimethyl, chlorides (68391-01-5) | |
| LD50 oral rat | > 500 mg/kg |
| LD50 dermal rabbit | > 2000 mg/kg |
| LC50 inhalation rat (mg/l) | 0.054 - 0.51 mg/l/4h |
| disodium metasilicate (6834-92-0) | |
| LD50 dermal rat | > 5000 mg/kg |
| Alcohols, C12-15, ethoxylated (68131-39-5) | |
| LD50 oral rat | > 5000 mg/kg |
| LD50 dermal rat | > 2000 mg/kg |

| | |
|-------------------------------|--|
| Skin corrosion/irritation | : Not classified |
| | On basis of test data: May cause slight irritation to the skin |
| | Based on available data, the classification criteria are not met |
| | pH: 11 - 12.7 |
| Serious eye damage/irritation | : On basis of test data: Moderate eye irritant |
| | pH: 11 - 12.7 |

| | |
|---|--|
| Respiratory or skin sensitisation | : Not classified Based on available data, the classification criteria are not met |
| Germ cell mutagenicity | : Not classified Based on available data, the classification criteria are not met |
| Carcinogenicity | : Not classified Based on available data, the classification criteria are not met |
| Reproductive toxicity | : Not classified Based on available data, the classification criteria are not met |
| STOT-single exposure | : Not classified Based on available data, the classification criteria are not met |
| STOT-repeated exposure | : Not classified Based on available data, the classification criteria are not met |
| Aspiration hazard | : Not classified Based on available data, the classification criteria are not met |
| Potential adverse human health effects and symptoms | : Based on available data, the classification criteria are not met. |

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity

Ecology - water : Harmful to aquatic life with long lasting effects.

| | |
|---|---|
| 2-(2-butoxyethoxy)ethanol, diethylene glycol monobutyl ether (112-34-5) | |
| LC50 fish 1 | 1300 mg/l (96 hours - Lepomis macrochirus) |
| EC50 Daphnia 1 | > 100 mg/l (48 hours - Daphnia magna) |
| IC50 algae | 53 mg/l (Anacystis aeruginosa) |
| tetrasodium ethylene diamine tetraacetate (64-02-8) | |
| LC50 fish 1 | 121 mg/l (96 hours - Lepomis macrochirus) |
| EC50 Daphnia 1 | < 652 mg/l (48 hours - Daphnia magna) |
| IC50 algae | 11 mg/l |
| Quaternary ammonium compounds, C12-14-alkyl[(ethylphenyl)methyl]dimethyl, chlorides (85409-23-0) | |
| LC50 fish 1 | 1.4 mg/l (96 hours - Pimephales promelas) |
| EC50 Daphnia 1 | 0.016 mg/l Daphnia magna, 48 hours |
| IC50 algae | 0.063 mg/l |
| Quaternary ammonium compounds, benzyl-C12-18-alkyldimethyl, chlorides (68391-01-5) | |
| LC50 fish 1 | 1.4 mg/l (96 hours - Pimephales promelas) |
| EC50 Daphnia 1 | 0.016 mg/l Daphnia magna, 48 hours |
| IC50 algae | 0.063 mg/l |
| disodium metasilicate (6834-92-0) | |
| LC50 fish 1 | 210 mg/l (96 hours - Brachydanio rerio, zebra-fish) |
| EC50 Daphnia 1 | 49.6 mg/l (48 hours - Daphnia magna) |
| IC50 algae | 1.5 mg/l |
| Alcohols, C12-15, ethoxylated (68131-39-5) | |
| LC50 fish 1 | 2.3 mg/l 48 h Leuciscus idus (golden orfe) |
| EC50 Daphnia 1 | 4 mg/l (48 hours - Daphnia magna) |

12.2. Persistence and degradability

| | |
|---|---|
| CaviWipes AF | |
| Persistence and degradability | May cause long-term adverse effects in the environment. |
| 2-(2-butoxyethoxy)ethanol, diethylene glycol monobutyl ether (112-34-5) | |
| Chemical oxygen demand (COD) | < 0.05 BOD5/COD |
| Biodegradation | 89 % (OECD 301C method) |
| Quaternary ammonium compounds, C12-14-alkyl[(ethylphenyl)methyl]dimethyl, chlorides (85409-23-0) | |
| Persistence and degradability | Readily biodegradable. |
| Quaternary ammonium compounds, benzyl-C12-18-alkyldimethyl, chlorides (68391-01-5) | |
| Persistence and degradability | Readily biodegradable. |
| Biodegradation | 95 % (OECD 301E method) |
| Alcohols, C12-15, ethoxylated (68131-39-5) | |
| Biodegradation | 81 % (OECD 301F method) |

12.3. Bioaccumulative potential

| | |
|--|------------------|
| CaviWipes AF | |
| Log Pow | Not determined |
| Bioaccumulative potential | Not established. |
| 2-(2-butoxyethoxy)ethanol, diethylene glycol monobutyl ether (112-34-5) | |
| Bioconcentration factor (BCF REACH) | 2.9 |
| Log Pow | 0.68 |
| tetrasodium ethylene diamine tetraacetate (64-02-8) | |
| Bioconcentration factor (BCF REACH) | 1 |
| Log Pow | < -3.86 |
| disodium metasilicate (6834-92-0) | |
| Log Pow | < 0 |

12.4. Mobility in soil

| | |
|---------------------|----------|
| CaviWipes AF | |
| Ecology - soil | No data. |

12.5. Results of PBT and vPvB assessment

| | |
|--|--|
| CaviWipes AF | |
| This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII | |
| This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII | |

12.6. Other adverse effects

Other adverse effects : None to our knowledge.
 Additional information : Avoid release to the environment

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Regional legislation (waste) : Dispose as hazardous waste.
 Waste treatment methods : Recover the product with absorbent material. Dispose of contents/container in accordance with licensed collector's sorting instructions.
 Product/Packaging disposal recommendations : Dispose in a safe manner in accordance with local/national regulations. Dispose of contents/container to a hazardous or special waste collection point.
 Ecology - waste materials : Avoid release to the environment.
 European List of Waste (LoW) code : 18 01 06* - chemicals consisting of or containing dangerous substances

SECTION 14: TRANSPORT INFORMATION

In accordance with ADR / RID / IMDG / IATA / ADN

| | |
|---|--|
| 14.1. UN number | |
| Not regulated for transport | |
| 14.2. UN proper shipping name | |
| | |
| 14.3. Transport hazard class(es) | |
| | |
| 14.4. Packing group | |
| | |
| 14.5. Environmental hazards | |
| | |
| No supplementary information available | |

14.6. Special precautions for user

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

SECTION 15: REGULATORY INFORMATION

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

EU-Regulations

The following restrictions are applicable according to Annex XVII of the REACH Regulation (EC) No 1907/2006:

| | |
|--|---|
| 3. Liquid substances or mixtures which are regarded as dangerous in accordance with Directive 1999/45/EC or are fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008 | 2-(2-butoxyethoxy)ethanol, diethylene glycol monobutyl ether - Quaternary ammonium compounds, C12-14-alkyl[(ethylphenyl)methyl]dimethyl, chlorides - Quaternary ammonium compounds, benzyl-C12-18-alkyldimethyl, chlorides |
| 3(b) Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard classes 3.1 to 3.6, 3.7 adverse effects on sexual function and fertility or on development, 3.8 effects other than narcotic effects, 3.9 and 3.10 | CaviWipes AF - 2-(2-butoxyethoxy)ethanol, diethylene glycol monobutyl ether - Quaternary ammonium compounds, C12-14-alkyl[(ethylphenyl)methyl]dimethyl, chlorides - Quaternary ammonium compounds, benzyl-C12-18-alkyldimethyl, chlorides |
| 3(c) Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard class 4.1 | CaviWipes AF - Quaternary ammonium compounds, C12-14-alkyl[(ethylphenyl)methyl]dimethyl, chlorides - Quaternary ammonium compounds, benzyl-C12-18-alkyldimethyl, chlorides |
| 55. 2-(2-butoxyethoxy)ethanol (DEGBE) | 2-(2-butoxyethoxy)ethanol, diethylene glycol monobutyl ether |

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

National regulations

EC-regulation 2015/830 /EC, 1907/2006/EC (REACH), 1272/2008/EC (CLP), 790/2009/EC. Transport of dangerous goods (ADR/RID, IMDG, IATA/ICAO). Workplace exposure limits.

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: OTHER INFORMATION

| | |
|------------------------|--|
| Data sources | : EC-regulation 2015/830 /EC, 1907/2006/EC (REACH), 1272/2008/EC (CLP), 790/2009/EC. Transport of dangerous goods (ADR/RID, IMDG, IATA/ICAO). Workplace exposure limits. |
| Other information | : None. |
| Date of issue | : 30/10/2016 |
| Revision date | : 04/04/2017 |
| Supersedes | : 30/10/2016 |
| Date of total revision | : 30/10/2016 |
| Version | : 1.1 |
| Signature | : A. Åsebø Murel |

Full text of H- and EUH-statements:

| | |
|-------------------------------------|--|
| Acute Tox. 2 (Inhalation:dust,mist) | Acute toxicity (inhalation:dust,mist) Category 2 |
| Acute Tox. 4 (Oral) | Acute toxicity (oral), Category 4 |
| Aquatic Acute 1 | Hazardous to the aquatic environment — Acute Hazard, Category 1 |
| Aquatic Chronic 1 | Hazardous to the aquatic environment — Chronic Hazard, Category 1 |
| Aquatic Chronic 3 | Hazardous to the aquatic environment — Chronic Hazard, Category 3 |
| Eye Dam. 1 | Serious eye damage/eye irritation, Category 1 |
| Eye Irrit. 2 | Serious eye damage/eye irritation, Category 2 |
| Skin Corr. 1B | Skin corrosion/irritation, Category 1B |
| STOT SE 2 | Specific target organ toxicity — Single exposure, Category 2 |
| STOT SE 3 | Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation |
| H302 | Harmful if swallowed |
| H314 | Causes severe skin burns and eye damage |
| H318 | Causes serious eye damage |
| H319 | Causes serious eye irritation |
| H330 | Fatal if inhaled |
| H335 | May cause respiratory irritation |
| H371 | May cause damage to organs. |
| H400 | Very toxic to aquatic life |
| H410 | Very toxic to aquatic life with long lasting effects |
| H412 | Harmful to aquatic life with long lasting effects |

The information in this safety data sheet is based on information from the manufacturer/supplier, present European and national legislation, and presupposes that the product is used within the specified area of application.